



## Water Resources Program

### Application for a Water Right Permit

(Date Stamp)

11 APR 27 A8:37

☐ SURFACE WATER ☒ GROUND WATER ☐ PERMANENT

☐ TEMPORARY ☒ SHORT TERM ☐ DROUGHT

DEPT. OF ECOLOGY  
FISCAL & BUDGET

Follow the attached instructions. Attach additional sheets as necessary.

**\*A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

#### Section 1. APPLICANT

61-28691

Applicant/Business Name: Public Utility District #1 of Snohomish County Attn: Scott Spahr	Phone No: 425-783-1746	Other No:
Address: PO Box 1107		
City: Everett	State: WA	Zip: 98206-1107
Email Address (optional): <a href="mailto:SDSpahr@snopud.com">SDSpahr@snopud.com</a>		

Contact Name (if different from above): Dawn Presler	Phone No: 425-783-1709	Other No:
Relationship to Applicant: Sr. Environmental Coordinator at Public Utility District #1 of Snohomish County		
Address: PO Box 1107		
City: Everett	State: WA	Zip: 98206-1107
Email Address (optional): <a href="mailto:DJPresler@snopud.com">DJPresler@snopud.com</a>		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: Garland Mineral Springs, LLC; Attn. Cameron Sharpe	Phone No: 480-540-3370	Other No:
Address: 10463 N 101 PL		
City: Scottsdale	State: AZ	Zip: 85258

#### Section 2. STATEMENT OF INTENT

Briefly describe the purpose of your proposed project: The District is conducting geothermal exploration in or near its service territory, the District intends to drill a 5,000-foot geothermal slimhole with a mud rotary drill to assess subsurface conditions in the Garland Mineral Springs project area. The slimhole will be permitted through the Washington Department of Natural Resources as a geothermal well. To facilitate the drilling of the slimhole, the district seeks a short-term water right to provide water for making up drilling mud.

Anticipated length of time to complete your project: 120 days



**Water Use** List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only)		Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
	<input type="checkbox"/> Cubic Feet per Second (CFS)	<input checked="" type="checkbox"/> Gallons per Minute (GPM)		
Drilling process water	50 avg, (up to 300 instantaneous )		NA	Continuous
<b>TOTAL:</b>	<b>300 GPM</b>			

**Short Term/Temporary Water Use**

Is this a request for a short term project (less than four months and non-recurring)? ☒ YES ☐ NO

Is this request for a temporary permit? ☒ YES ☐ NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: 08/01/2011 TO: 12/01/2011 (anticipated 30-day duration, but contingency could extend)

**Section 3. POINT OF DIVERSION OR WITHDRAWAL**

(Complete A or B, and C below)

**A.) If Surface Water Source**

☐ Spring ☐ Creek ☐ River ☐ Lake

☐ Other: \_\_\_\_\_

Source Name: \_\_\_\_\_

Tributary to: \_\_\_\_\_

Number of proposed diversion points: \_\_\_\_\_

Do you have an existing diversion? ☐ YES ☐ NO

**B.) If Ground Water Source**

☒ Well(s) ☐ Other: \_\_\_\_\_

Well diameter & depth: TBD

Number of proposed points of withdrawal: 1

Do you have an existing well? ☐ YES ☒ NO

If available, attach Water Well Report and pump test.

Well Tag ID No. Not available

**C.) Point of Diversion/Withdrawal – Legal Description**

Parcel No.	¼	¼	Section	Township	Range	County
10020000002400	SE	NW	25	28N	11E	Snohomish
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

1000 Feet (☐ North/☒ South) and 1500 feet (☒ East/☐ West)

from the (☒NW ☐SW ☐NE ☐SE ☐ \_\_\_\_\_ ) corner of Section 25.

Parcel No.	¼	¼	Section	Township	Range	County
Lot(s)	Block(s)		Subdivision			



If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

\_\_\_\_\_ feet (☐ North/☐ South) and \_\_\_\_\_ feet (☐ East/☐ West)

from the (☐NW ☐SW ☐NE ☐SE ☐\_\_\_\_\_) corner of Section\_\_\_\_\_

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Do you own the land on which the proposed point of diversion/withdrawal is located? ☐ YES ☒ NO

If no, do you have legal authority to make this application for use of another's land? ☒ YES ☐ NO

Provide the owner name(s), address, and phone number: See Section-1 above

#### Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

Attached, same parcel as point of withdrawal

¼	¼	Section	Twp.	Range	County	Parcel No.

Do you own all the lands on which the proposed place of use is located? ☐ YES ☒ NO.

If no, do you have legal authority to make this application for use of another's land? ☒ YES ☐ NO

Provide owner name(s), address, and phone number: See Section-1 above

Are there any other water rights or claims associated with this property or water system? ☐ YES ☒ NO

If yes, provide the water right and/or claim numbers: \_\_\_\_\_

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

#### Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source): \_\_\_\_\_

## Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

A.) Domestic Water Systems only	B.) Municipal Water Systems only (defined under RCW 90.03.015)
Projected number of connections to be served: _____	Present population to be served water: _____
Type of connections: _____ (e.g., home, recreational cabin)	Estimate future population to be served: _____ (20 year projection)
<b>C.) Water System Planning</b>	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, date plan was approved ____/____/____ Water System Number: _____	
Name of water system: _____	
Are you within the service area of an existing water system? <input type="checkbox"/> YES <input type="checkbox"/> NO	
If yes, explain why you are unable to connect to the system: _____	
_____	
_____	
_____	
_____	

## Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

### Irrigation

Total number of acres requested to be irrigated under this application = \_\_\_\_\_ ACRES

NOTE: Outline the area to be irrigated on your attached map.

### Stockwater

List number and kind of stock: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Is the proposed project for a dairy farm? ☐ YES ☐ NO

### Other Proposed Farm Uses

Describe all proposed uses: \_\_\_\_\_

### Family Farm Water Act (RCW 90.66):



Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☐ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☐ NO

If yes, enter Permit No: \_\_\_\_\_

## Section 8. OTHER WATER USES

### Hydropower

Indicate total feet of head \_\_\_\_\_ and proposed capacity in kilowatts: \_\_\_\_\_

Describe works: \_\_\_\_\_

\_\_\_\_\_

Indicate all uses to which power is to be applied: \_\_\_\_\_

FERC License No: \_\_\_\_\_

### Mining/Industrial Use

Describe use, method of supplying and utilizing water: Water will be removed from the well using a downhole pump and piped to the drilling site, where it will be used to form drilling mud for use in drilling a geothermal exploratory hole and for related supporting activities.

### Other Use

## Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☒ YES ☐ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☒ NO

Will the water depth be 10 feet or more? ☐ YES ☒ NO

If you answered yes to any of the above questions, please describe: Temporary onsite storage via the use of portable "Baker" tanks may be used to buffer the aquifer from large instantaneous demands.

*NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.*



## Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site: From Everett, take Highway 2 to Skykomish. Approximately ½ mile past Skykomish, turn left onto FR 65, Beckler River Road. Drive Beckler River Road approximately 11 miles, over Jack Pass, until it meets Index-Galena Road. Drive Index-Galena Road approximately one mile to reach a Snohomish County gate across the road. The county-owned access road to Garland Mineral Springs is on the left, just past the county gate. Drive the access road approximately ¼ mile to reach the Garland Minerals Springs property. The drillsite and proposed well will be approximately ¼ mile down the access road.

Site Address: N/A

## Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

Scott Spahr  
Print Name  
(Applicant or authorized representative)

[Signature]  
Signature

4/15/2011  
Date

Garland Mineral Springs LLC  
Print Name  
(Legal Owner or Part Owner Place of Use)

[Signature]  
Signature

4-20-2011  
Date

\_\_\_\_\_  
Print Name  
(Legal Owner or Part Owner Place of Use)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Print Name  
(Legal Owner or Part Owner Place of Use)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Please check the region in which the project is located:

<b>*Submit your application to:</b>  DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611	<input type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490	<input type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input checked="" type="checkbox"/> Northwest Regional Office 3190 – 160 <sup>th</sup> Avenue SE Bellevue, WA 98008-5452 (425) 649-7000	<input type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300